

Title (en)

Information recording/reproduction apparatus for camera.

Title (de)

Informationsaufzeichnungs- und -wiedergabevorrichtung für eine Kamera.

Title (fr)

Dispositif d'enregistrement et de reproduction d'information pour caméra.

Publication

EP 0433019 A1 19910619 (EN)

Application

EP 90313446 A 19901211

Priority

- JP 4579290 A 19900228
- JP 32209789 A 19891212
- JP 33834989 A 19891228
- JP 34136989 A 19891229

Abstract (en)

An information recording/reproduction apparatus for a camera includes a magnetic reading unit which can contact a magnetic recording medium arranged in advance on a film, and a drive control unit for, when the magnetic reading unit reaches a predetermined position with respect to the film, bringing the magnetic reading unit into contact with the magnetic recording medium.

IPC 1-7

G03B 7/24; G03B 17/24

IPC 8 full level

G03B 7/24 (2006.01); **G03B 17/24** (2006.01)

CPC (source: EP US)

G03B 7/24 (2013.01 - EP US); **G03B 17/24** (2013.01 - EP US); **G03B 2217/244** (2013.01 - EP US); **G03B 2217/246** (2013.01 - EP US)

Citation (search report)

- [X] US 4860037 A 19890822 - HARVEY DONALD M [US]
- [Y] US 4754346 A 19880628 - TAKAGI TOSHIO [JP], et al
- [Y] EP 0039492 A2 19811111 - OLYMPUS OPTICAL CO [JP]
- [Y] US 2535498 A 19501226 - OTTO KORNEI
- [X] DE 2822813 A1 19781207 - HAMBURGER WOLFGANG DIPL KFM
- [X] US 4736215 A 19880405 - HUDSPETH WILLIAM [US], et al
- [A] EP 0344916 A1 19891206 - NIPPON KOGAKU KK [JP]

Cited by

US6125241A; US5742858A; US6353715B1; US5481322A; EP0441655A3; US6125240A; EP0464721A3; US5459540A; EP0603594A1; US5384664A; US6028729A; US5353078A; US5500701A; EP0556594A3; US5535062A; GB2317043A; GB2317043B; EP0603591A1; WO9222004A1; WO9222006A1; EP0472364B1; EP0435277B1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0433019 A1 19910619; EP 0433019 B1 19980617; DE 69032423 D1 19980723; DE 69032423 T2 19990107; US 5559568 A 19960924

DOCDB simple family (application)

EP 90313446 A 19901211; DE 69032423 T 19901211; US 56158595 A 19951121